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Atty. Docket No.

10830.0078.NPUS00

Serial No.

09/955,505

Applicant

Ugur Sezer et al.

Filing Date:

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Exam. Init.	Ref. Des.	Citation
SW	C43	TE300A MPEG-2 Encoder, satellite uplink equipment, downlink, teleports, earth stations, amplifiers, antennas, http://www.usacanada.net/satellite/tc300a.htm , published at least as early as 3/14/01, 3 pages
SW	C44	TE-30, satellite uplink equipment, downlink, teleports, earth stations, amplifiers, antennas, http://www.usacanada.net/satellite/tc30.htm , published at least as early as 3/14/01, 3 pages

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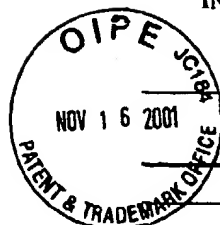
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SW	C35	Andrew B. Watson, Joshua A. Solomon, Albert Ahumada, and Alan Gale, <u>DCT Basis Function Visibility: Effects of Viewing Distance and Contrast Masking</u> , (1994), 11 pages, in B.E. Rogowitz (Ed.), Human Vision Visual Processing and Digital Display IV (pp. 99-108), Billington, WA SPIE
SW	C36	O'Reilly Network Broadcast 2000 Brings DV Editing to Linux (Aug. 11, 2000), http://www.oreillynet.com/pub/a/network/2000/08/11/magazine/broadcast2000.html , published at least as early as 3/27/01, 3 pages; Broadcast 2000, http://heroinewarrior.com/bcast2000.php3 , published at least as early as 3/27/01, 4 pages
SW	C37	MPEG Wizard: MPEG Real-Time External Encoder, http://www.duplexx.com/mpgwiz.html , MPEG Wizard: MPEG Real-Time Encoder - Features and Software, http://www.duplexx.com/mpgwiz_f.html , MPEG Wizard: MPEG Real-Time Encoder - Specs & Requirements, http://www.duplexx.com/mpgwiz_r.html , published at least as early as 3/19/01, 4 pages
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SW	C40	National P/N CLC020 - SMPTE 259M Digital Video Serializer with Integrated Cable Driver, http://www.national.com/pf/CL/CLC020.html , published at least as early as 3/14/01, 3 pages
SW	C41	TE600 MPEG-2 DSNG Encoder, satellite uplink equipment, downlink, teleports, earth stations, amplifiers, antennas, http://www.usacanada.net/satellite/te600.htm , published at least as early as 3/14/01, 3 pages
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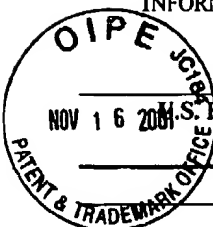
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SW	C27	Nilesh V. Patel and Ishwar K. Sethi, <u>Video Shot Detection and Characterization for Video Databases</u> , Vision and Neural Networks Laboratory, Dept. of Computer Science, Wayne State University, Detroit, MI, October 1997, 22 pages
SW	C28	Bo Shen, Ishwar K. Sethi and Vasudev Bhaskaran, <u>DCT Convolution and Its Application In Compressed Video Editing</u> , Dept. of Computer Science, Wayne State University, Detroit, MI and Visual Computing Dept., Hewlett-Packard Laboratories, Palo Alto, CA, <i>To appear in SPIE VCDIP '97, also submitted to IEEE Trans. Cir. And Sys. For Video Tech.</i> , 11 pages
SW	C29	B. Shen and I.K. Sethi, <u>Convolution-Based Edge Detection for Image/Video in Block DCT Domain</u> , Vision & Neural Networks Laboratory, Dept. of Computer Science, Wayne State University, Detroit, MI, <i>To appear in Journal of Visual Communications and Image Representation</i> , 19 pages
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SW	C31	Bo Shen and Ishwar K. Sethi, <u>Block-Based Manipulations On Transform-Compressed Images and Videos</u> , Vision and Neural Networks Laboratory, Dept. of Computer Science, Wayne State University, Detroit, MI, <i>To appear in Multimedia Systems</i> , 26 pages
SW	C32	Bo Shen and Ishwar K. Sethi, <u>Inner-Block Operations On Compressed Images</u> , Vision and Neural Networks Laboratory, Dept. of Computer Science, Wayne State University, Detroit, MI, <i>ACM Multimedia '95, San Francisco, CA, Nov. 5-9, 1995</i> , 10 pages
SW	C33	Alexandros Eleftheriadis and Dimitris Anastassiou, <u>Constrained and General Dynamic Rate Shaping of Compressed Digital Video</u> , Dept. of Electrical Engineering and Center for Telecommunications Research, Columbia University, New York, NY, <i>Proceedings, 2nd IEEE International Conference on Image Processing (ICIP-95), Arlington, VA, October 1995</i> , 4 pages
SW	C34	Alexandros Eleftheriadis and Dimitris Anastassiou, <u>Optimal Data Partitioning of MPEG-2 Coded Video</u> , Dept. of Electrical Engineering and Center for Telecommunications Research, Columbia University, New York, NY, <i>Proceedings, 1st International Conference on Image Processing (ICIP-94), Austin, Texas, November 1994</i> , 5 pages

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JW	C16	"A Guide to MPEG Fundamentals and Protocol Analysis (Including DVB and ATSC)," Tektronix, Inc., Beaverton, Oregon, 1997, pp. 48 pages
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JW	C19	"MPEG-2: The basics of how it works," Hewlett Packard, published at least as early as Oct. 31, 1999, 17 pages
JW	C20	Anil K. Jain, Fundamentals of Digital Image Processing, Prentice Hall, Inc., Englewood Cliffs, New Jersey, 1989, Chapter 4: Image Sampling and Quantization and Chapter 5: Image Transforms, pp. 80-188
JW	C21	"Information technology—Generic coding of moving pictures and associated audio information: Systems," International Standard, ISO/IEC 13818-1:1996(E), 136 pages
JW	C22	"Information technology—Generic coding of moving pictures and associated audio information: Video," International Standard, ISO/IEC 13818-2:1996(E), 211 pages
JW	C23	"Information technology—Generic coding of moving pictures and associated audio information—Part 3: Audio," International Standard, ISO/IEC 13818-3:1995(E), 118 pages
JW	C24	Jerry D. Gibson, Toby Berger, Tom Lookabaugh, Dave Lindbergh, and Richard L. Baker, Digital Compression for Multimedia: Principles and Standards, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 1998, Chapter 9: JPEG Still-Image Compression Standard, pp. 291-308, and Chapter 11: MPEG Compression, pp. 363-417
	C25	Barry G. Haskell, Atul Puri, and Arun N. Netravali, Digital Video: An Introduction to MPEG-2, Chapman & Hall, New York, NY, 1997, pp. 1-279, 292-306, 369-421

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JW	C4	A.T. Erdem and M.I. Sezan, "Multi-generation Characteristics of the MPEG Video Compression Standards," IEEE Proc. of ICIP-94, vol. II, 1994, pp. 933-937
JW	C5	M. Perreira, and A. Lippman, "Re-codable video," IEEE Proc. of ICIP-94, vol. II, 1994, Pp. 952-956
JW	C6	M. Mohsenian, R. Rajagopalan, and C.A. Gonzales, "Single-pass constant- and variable-bit-rate MPEG-2 video compression," IBM J. Res. Develop., vol. 43, no. 4, July 1999, pp. 489-509
JW	C7	P.H. Westerink, R. Rajagopalan, and C.A. Gonzales, "Two-pass MPEG-2 variable-bit-rate encoding," IBM J. Res. Develop., vol. 43, no. 4, July 1999, pp. 471-488
JW	C8	Jill Boyce, John Henderson, and Larry Pearlstein, "An SDTV Decoder with HDTV Capability: An All-Format ATV Decoder," Hitachi America Ltd., file://C:Fatima\67.gif, pp. 67-75, published at least as early as 1/12/00
JW	C9	Boon-Lock Yeo, "On fast microscopic browsing of MPEG-compressed video," IBM T.J. Watson Research Center, Jan. 1998, Multimedia Systems 7, 1999, pp. 269-281
JW	C10	Robert Mokry and Dimitris Anastassiou, "Minimal Error Drift in Frequency Scalability for Motion-Compensated DCT Coding," IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, vol. 4, no. 4, Aug. 1994, pp. 392-406
JW	C11	C. Ward, C. Pecota, X. Lee, and G. Hughes, "Seamless Splicing for MPEG-2 Transport Stream Video Servers," SMPTE JOURNAL, December 1999, pp. 873-879
JW	C12	Norm Hurst and Katie Cornog, "MPEG Splicing: A New Standard for Television—SMPTE 312M," SMPTE JOURNAL, November 1998, pp. 978-988
JW	C13	Norm Hurst and Katie Cornog, "Splicing FAQ," http://www.mpeg.org/MPEG/splicing-FAW.html , 8 pages, published at least as early as 10/13/99
JW	C14	SMPTE 312M-1999, SMPTE Standard for Television, "Splice Points for MPEG-2 Transport Streams," Approved April 8, 1999, THE SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS, White Plains, NY, 20 pages

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JW	A1	5,959,690	09/28/1999	Toebs, VIII et al.	348	578	02/19/1997
JW	A2	5,892,915	04/06/1999	Duso et al.	395	200.49	05/05/1997
JW	A3	5,859,660	01/12/1999	Perkins et al.	348	9	02/29/1996
JW	A4	5,838,678	11/17/1998	Davis et al.	370	389	07/24/1996
JW	A5	5,675,384	10/07/1997	Ramamurthy et al.	348	405	10/03/1995
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JW	A7	5,231,484	07/27/1993	Gonzales et al.	358	133	11/08/1991
JW	A8	5,969,650	10/19/1999	Wilson	341	67	01/16/1998
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JW	C2	Seyfullah H. Oguz, Sorin Faibish, Daniel Gardere, Michel Noury, Wayne W. Duso, Peter Bixby, and John Forecast, "Processing of MPEG Encoded Video for Trick Mode Operation," U.S. Serial No. 09/608,919 filed 06/30/2000 (93 pages text, 24 sheets drawings, 8 pg. declarations).

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JW	A2	5,231,487	07-1993	Hurley et al.	375	240.01	12-19-1991
JW	A3	6,263,021	07-2001	Sethuraman et al.	375	240.03	3-4-1999
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